

Title (en)

Base station device and mobile station device in mobile communication systems

Title (de)

Basisstationsanordnung und Mobilstationsanordnung in mobilen Kommunikationssystemen

Title (fr)

Station de base et station mobile dans des systèmes de communication

Publication

EP 0645940 B1 20000202 (EN)

Application

EP 94115369 A 19940929

Priority

JP 24273593 A 19930929

Abstract (en)

[origin: EP0645940A1] A base station and a mobile station in a mobile communication system capable of reducing interference among mobile stations and increasing a subscriber capacity of the system. The base station has a unit (15) for measuring a measurement value for at least one of a receiving level and an interference ratio level of the mobile station transmission signals, and a unit (26) for producing a mobile station transmission power control data specifying a mobile station transmission power required in adjusting the measurement value to a target level according to a number of base stations simultaneously in communication with the mobile station. The mobile station has a unit (35) for measuring a measurement value for at least one of a receiving level and an interference ratio level of the base station transmission signals, and a unit (38) for producing a base station transmission power control data specifying a base station transmission power required in adjusting the measurement value to a target level according to a number of base stations simultaneously in communication with the mobile station. <IMAGE> <IMAGE>

IPC 1-7

H04Q 7/20

IPC 8 full level

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Cited by

EP1439642A4; CN1088312C; CN1108668C; EP0946070A3; CN1330105C; US6085108A; EP0768804A3; EP2375833A1; EP1047207A3; SG114510A1; EP1091502A3; EP1206048A3; GB2343331A; GB2343331B; EP0898382A3; US7395463B2; WO2005055531A1; WO03032528A1; US6862449B1; US7072655B2; US7123597B1; US7292839B2; US6434130B1; EP0682418B1; EP0860057B1; WO0036762A1; US6269239B1; US6965772B1; EP0946070A2; US6405021B1; US7263077B1; US7801545B2; US8543153B2; WO9959366A1; WO9717769A3; WO0178436A1; US6603971B1; US6606497B2; US6636735B2; US6658252B2; US6836661B2; US6889046B2; EP0822672B2; EP1025737B2

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